

130510-3

MODEL: CTVM300LCDDM

AEITM
Security

DIGITAL WIRELESS CAMERA MONITORING SYSTEM

WITH LCD MONITOR & DOCKING STATION

PERFECT FOR BABY MONITORING & SECURITY APPLICATIONS



100% DIGITAL
FOR INDOOR USE ONLY

WiFi FRIENDLY

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IMPORTANT NOTICES

This system is NOT SUITABLE FOR EXTERNAL USE. Exposure to moisture may damage this device, render it unsafe for use and invalidate the warranty.

ALWAYS SWITCH OFF this device prior to connecting to mains power and when not in use.

Introduction

Congratulations on purchasing the AEI Security™ Digital Wireless Camera Monitoring System. This product represents state of the art, fully digital wireless communication between the camera and the monitor, at exceptional value for money.

The handy wire free camera and monitor can be moved around your home with ease and does not require cabling. Just plug in the mains adapters and your ready to go!

The infrared night vision allows you to see in complete darkness. Infrared light is completely harmless and can only be detected by the camera i.e. the room remains completely dark to the naked eye.

This system makes an ideal general purpose monitoring system suitable for the home or office, as well as being a perfect baby monitor.



Kit Contents & Features

Kit Contents

All AEI Security™ products are computer weight checked prior to dispatch, but it is a good idea to check over everything and familiarise yourself with the contents prior to installation.

This pack includes:

- 1x Digital Wireless Camera
- 1x LCD Monitor
- 1x LCD Monitor Docking Station
- 1x Camera PSU (Power Supply Unit)
- 1x Monitor PSU (Power Supply Unit)
- 1x Camera Mounting Bracket
- 1x Pack of Screws
- 1x Instruction Manual

Features

Because this system features Digital Communication between the camera and the monitor you will not get broken pictures or loud interference noise should the signal level be low or interrupted.

Whilst signal varies in different locations this system should provide adequate reception around a 3 to 4 bedroom home. The on screen signal level indicator will satisfy you of the performance in your chosen location.

A temperature sensor fitted to the camera and displayed on the screen provides additional peace of mind during baby monitoring applications.

An audio level LED meter on the monitor allows you to hear whats going on at the camera location.

Facilities include the ability to add additional cameras or video sources to the monitor which can be manually selected.

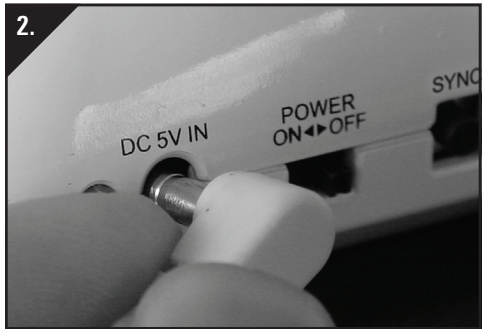
Preparing the Camera

The Camera will transmit the sound and picture through walls and ceilings to the LCD Monitor.



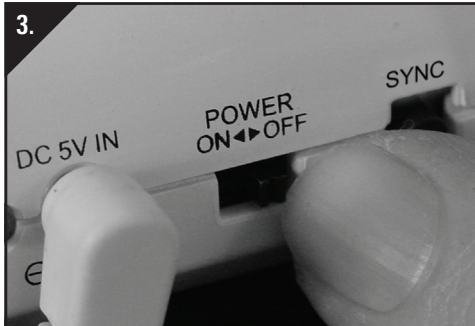
1.

Position the camera in the desired location. If you wish to attach the camera to a wall, use the mounting bracket and supplied screws after completing installation.



2.

Connect the Camera PSU to the socket labelled 'DC 5V IN' and plug it into an available mains socket. The Power LED will light up red.



3.

Switch the Camera on at the back. The Power LED will change from red to green.

Preparing the LCD Monitor



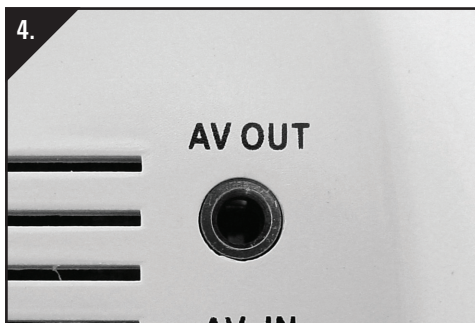
1. Connect the **Monitor PSU** to the socket labelled '**DC 12V**' and plug it into an available mains socket.



2. Ensure that the **Mode Switch** on the back is set to **Camera**.

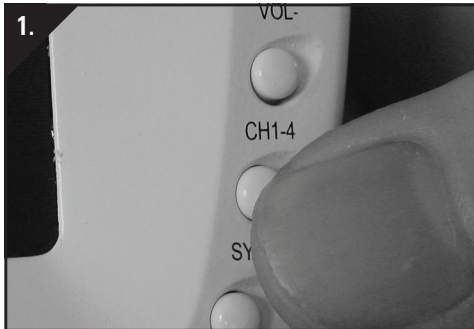


3. Press the power button on the front of the monitor. The '**Power LED**' will change from red to green and the AEI logo will appear on screen.

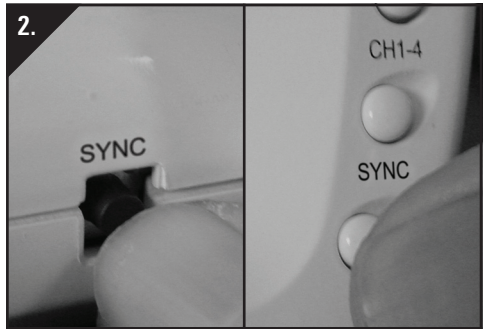


4. You can connect the LCD monitor to a TV, VCR or Hi-Fi by connecting a 3.5mm Jack to Phono cable (not supplied) into the '**AV OUT**' socket on the back.

Syncing the Camera and the LCD Monitor



Select **Channel 1** using the button labelled **CH1-4** on the front of the Monitor.



Simultaneously press and hold the sync buttons on both the Camera and the Monitor for 3 seconds. This will sync the Camera to Channel 1 on the Monitor.



Once the Camera and the Monitor have been correctly synced, the '**Sync LED**' will be lit up solid green.

Congratulations!

You have now successfully installed your AEI Security™ Digital Wireless Camera Monitoring System.

Using the Digital Wireless Camera Monitoring System

Menu Settings

Picture

Brightness

Contrast

Colour

Audio

Volume



Function - This will allow you to display the screen normally or upside down.

Normal

Down

S-ROLOC - This allows you to change the Video Colour mode. For best results, leave it set to AUTO.

AUTO

SECAM

PAL

NTSC

Preset

Sleep - Allows you specify a period of time after which the monitor will switch off.

Time - Sets the current time.

Off-Time - Specifies a time when the monitor will turn off.

On-Time - Specifies a time when the monitor will turn on.

continued...

Adjusting the Menu Settings

- 1 - Press the Menu button to toggle through the various menu selections.
- 2 - Press the Select button to toggle through and select a setting.
- 3 - Use the - or + button to adjust the settings.

Using the LCD Monitor Docking Station



If you wish to use the LCD Monitor without having to plug it into a mains socket, this can be achieved by using the supplied Docking Station.

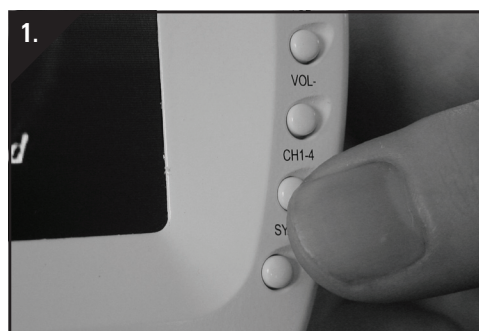
- 1 - Remove the base cover to access the battery compartment.
- 2 - Install **10x AA rechargeable batteries** (not supplied.)
- 3 - Place the LCD Monitor onto the Docking Station.

To recharge the batteries, simply connect the Monitor PSU to the Docking Station and switch the **Mode Switch** to **Fast Charge**. Charge time should be limited to 24 hours maximum.

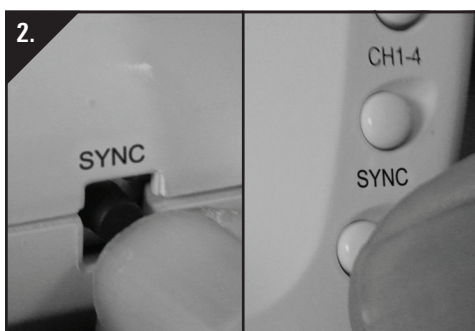
Adding extra Cameras

This system can be expanded to include up to 4 Digital Wireless Cameras.

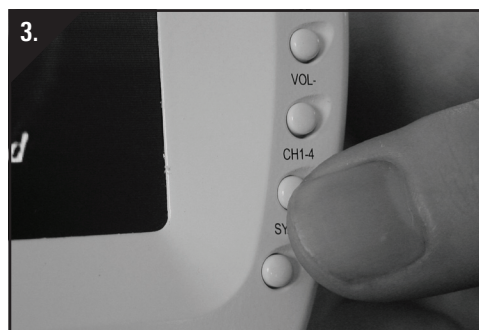
Follow the steps below for each additional camera you wish to add to your system.



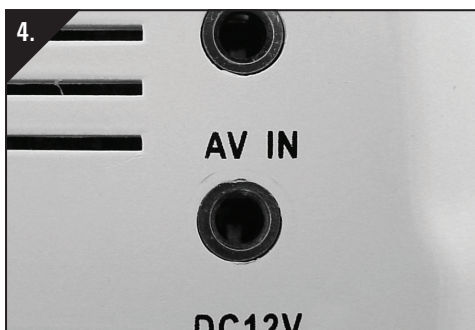
1. Select **Channel 2** using the button labelled **CH1-4** on the front of the Monitor.



2. Simultaneously press and hold the sync buttons on both the new Camera and the Monitor for 3 seconds. This will sync the Camera to Channel 2 on the Monitor.



3. Press the button labelled CH1-4 to cycle through the cameras assigned to each channel.



4. If you wish to connect a wired camera to the LCD monitor this can be achieved by using the 'AV IN' socket and switching the monitor to 'AV IN' mode.

Troubleshooting

Frequently Asked Questions

There is no power on the Camera or Monitor

- Make sure that the correct power supply is connected, they are clearly labelled.
- Ensure that the Camera and the Monitor are turned on. Check the 'Power LED'.

There is no sound or picture

- Take a look at the 'Sync LED'. If it is flashing, this shows that the Camera and the Monitor have not been correctly synced or they are out of range. Repeat steps 1 and 2 on Page 07.

The sound or picture is poor quality

- Make sure that your microwave is turned off. Microwaves typically have little to no shielding and will cause interference on your Wireless Camera Monitoring System.
- Other wireless devices operating on 2.4GHz may be interfering with your Wireless Camera Monitoring System.
 - Try syncing the Camera to a different Channel on the monitor.
 - Identify the source of the interference and turn it off.
 - Change the position of the Camera and/or Monitor.
- Your Camera and Monitor might be out of range. Move them closer together and try again.
- Try changing the position of the antenna on the Monitor.

Technical Support

AEI Security & Communications Ltd is dedicated to providing our customers with first class customer care and technical support.

Free technical advice is available online at our web site: ***www.aei.eu***

Chat to one of our technical advisers by clicking the ***Live Chat*** button on our website.

We have a dedicated helpline, open Monday to Friday, 10AM - 3PM: ***01797 226 123***

Please note that calls are charged at the local rate and your call may be recorded for training purposes.

SPECIFICATIONS

Camera:

Frequency	2.4GHz Digital
Channels	4
Antenna	Directional
Max. Range	300ft (clear line of sight)
Sensitivity	10dBm CE
Optical Size	1/4"
Effective Resolution	640 x 480
White Balance	Auto
Night Vision Range	1 - 2 Metres
Mic. Range	2 - 3 Metres
Power	DC 5V

LCD Monitor :

Frequency	2.4GHz Digital
Channels	4
Antenna	Directional
Max. Range	300ft (clear line of sight)
LCD Size	5" TFT
Effective Resolution	640 x 480
Max. Sound Output	600mW
Power	DC 12V

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